

# Status Report for IRM Application Development Team

*May 2007 prepared by Patrick Cope.*

## Web Master (Adriana & Daniel)

- ❖ Post updates to web site as required \*Ad-hoc \*2007
- ❖ Working with WICC on website naming policy and NOAA wide banner \*2007

## Vessel List (Lee and Lloyd)

- ❖ Creating a "master vessel list" for Gulf States which will aide in assessing vessel activity by year, gear, etc. Using the combination of FIN, coast guard and state vessel data to put this list together. This list will reside in an oracle table, in SEFIN. Currently defining table structure. 35% completed.

## Head Boat (Tony)

- ❖ Replicate legacy DOS system to web based. The system is used to collect/report tour trip catches. Data loading functions completed, currently performing requirements gathering for reporting functions. 60% completed.
- ❖ All the files have now been uploaded to the development server. Complete

## Dealer Management System (DMS) (Tony)

- ❖ Dealer Management System. Currently applying minor revisions to the GUI. 90% completed.

## Louisiana Trip Ticket Review System (LDWF) (Tony)

- ❖ Revising the app to automate the ticket review process some. Currently performing requirements gathering, awaiting feedback from the users. 5% completed.

## Texas Trip Ticket Review System (TXTT) (Tony)

- ❖ Landings review application similar to the AL & LA apps. Currently performing requirements gathering and defining table structures. 5% completed.

## Gulf Shrimp System (GSS) (Tony)

- ❖ FL shrimp data is integrated into GSS - Currently in production, awaiting feedback from Frank Patella. 98% completed

## Florida Trip Ticket System (FTT) (Lee and Lloyd)

- ❖ Synchronizing of Data Sets with FWCPort agents have reviewed and corrected the requested data from FWC. .(Completed 01/31/2007)
- ❖ Preparation of Dataset to be loaded into VOU 2005 Data loaded successfully.
- ❖ Providing Dataset to Mike Travis From SERO Completed
- ❖ Preparation Of Dataset to be Used With GSS (with Antonio Cano) Awaiting Review By Frank Patella (Guy Davenport is following Up)
- ❖ Getting Port Agents Corrections To FWCOacle tables holding changes made to Species, County, Vessel, and Salt Water Product License were created and sent to FWC the second week of February. Because FWC is still using Oracle 9i it was necessary to provide scripts to create and populate these tables provided to Gail MacAulay of FWC. Gail has created these tables in Oracle and is just starting to look at the changes proposed by the NMFS field agents. A draft of a document describing the work products to be produced documenting changes to gear and water body were prepared, and sent to FWC. Preliminary work products

- ❖ concerning gear and water body differences as described in that draft were generated and provided to FTT data manager for review.
- ❖ Elimination of Duplicates Records in Datasets Steve Brown of FWC has provided a list of records that he believes are duplicates and has deleted them from the FWC datasets. These records have been deleted from the FTT data sets as well. Steve has noted that there will be forthcoming several more lists of duplicate records as soon as he has the time to work on them.
- ❖ **Up Next** Providing changes to water body and gear information to Florida. Updating ALS System with all changes made to FTT system

### **Enterprise Data Warehouse (EDW) (Lee and Lloyd)**

- ❖ IRM team has been chosen to accept this system from Artech consulting. Once the team has completed previously assigned projects this transfer will begin. On Hold
- ❖ Team is reviewing the Discoverer material
- ❖ Reviewing Discover Material Installation Of Oracle Warehouse Builder Software is awaiting OWB data migration from release 1 to release 2.

### **Pink Shrimp System (PSS) (Lloyd)**

- ❖ Re-write and re-platform Joan Browders Pink Shrimp application. Currently this application is a Basic application.
- ❖ I translated the simulation from VBasic to Java without the user interface. I focused on reading the input and producing the right output. 90% of the output field's match perfectly, the remainders are off by up to 10%. A meeting is scheduled with Joan Browder to get metadata for the variables, to let her choose what part of the algorithm she wishes to parameterize, and to explore whether the differences are significant, or perhaps just differences in rounding errors between VB and Java.

### **Fisheries Logbook System (FLS) (Adriana)**

- ❖ Update and add new validation checks for Trips data. Completed
- ❖ Detected why validation process was reporting missing Cost logbook keys. Completed
- ❖ Fix errors that were stopping some Batches to be moved data into production. Completed
- ❖ Generate Vessels and Dealers new permits list from SERO. Completed

### **Pelagic Observer Program (POP Online) (Adriana)**

- ❖ **Problems when using, xls files with SAS** Email to users proposing solutions as follows: Put a numeric 0 into first record of columns that are numeric but have a lot of missing values. Change Registry so that SAS reads more than eight records when deterring column type.
- ❖ Data Analysis to determinate the existence of missing legacy data. Completed
- ❖ Fix an issue with the date format in the Data Entry interface. Completed

### **Quota Monitoring System (Adriana)**

- ❖ Create Java process to load txt files (FL,TX,AL,LA) provided by the States into Oracle database. In process.
- ❖ Design and prepare the schema to receive the new data. Completed.
- ❖ Mapping Code Tables supplied by the different states. Completed.

### **Fishery Compliance System (FCS) (Adriana)**

- ❖ Design Phase. QMS rewrite must first be delivered before FCS can be developed. On Hold.

### **NOAA / SEFSC On-line Float Plan (Adriana)**

- ❖ Apply modifications requested by Dave McClellan. In process
- ❖ There is a requirement from AOML to use this application so they can schedule the use of the vehicles at AOML. On Hold.

### **Stranding Turtle System (STS) (Adriana)**

- ❖ Requirement from the SEFSC turtle team to automate a manual data collection system and create summary reporting. In process.

### **Mammal Stranding Network Directory (Mammal) (Adriana)**

- ❖ Provide an Access database with the networking data to generate report from access. Completed

### **Recreational Billfish System (RBS) (Adriana)**

- ❖ Support users solving some errors caused by special characters. Completed.

### **Reef Visual Census (RVC) (Adriana)**

- ❖ Tech Memo published by February 5, 2007
- ❖ Raw Data Server Set-up by mid-February (RSMAS). Waiting on Steve Smith's go ahead\*\*\*\*DELAYED\*\*\*\*
- ❖ Oracle Setup (RSMAS Server) by March 2007??? \*\*\*\*DELAYED\*\*\*\*
- ❖ Define data transfer process by April 2007??? \*\*\*\*DELAYED\*\*\*\*
- ❖ RVC data available to public by May 2007??? \*\*\*\*DELAYED\*\*\*\*

### **Domestic Longline System Re-Write (DLS) (Adriana)**

- ❖ During October and November of 2006 we embarked on re-writing this application. Due to other priorities this project is on hold.

### **Fisheries Logbook System Re-Write (FLS) (Adriana)**

- ❖ Re-write this application. On Hold.

### **SEFSC Web Site Re-Write (Adriana and Patrick)**

- ❖ Re-write this application. On Hold.

### **Beaufort Web Site (Adriana)**

- ❖ Web site is waiting for Aleta Hohn to give feedback and content, since May 2006. On Hold.

### **TED/BRD Web Site for Pascagoula Lab (Adriana and Patrick)**

- ❖ Development of this web site is waiting for requirements and content from the user. On hold.

### **Data Inventory System (Lee and Lloyd)**

- ❖ created new sql routines to enter the Data Inventory data more easily .
- ❖ Continuing to add full entries (not just placeholder entries) on SEFSC. Twenty systems were documented this month. There are now well over 80 systems fully documented, including all ecology projects noted on the Galveston Website.
- ❖ Information on metadata for certain non SEFSC systems that are essential to understanding the metadata for an SEFSC system will be provided as a link when the metadata for the SEFSC system is displayed. (In progress)

## **InPort National Meta Data System (Lee and Lloyd)**

- ❖ All SEFSC systems in the Data Inventory System have been entered into InPort. (The entries in InPort for the Galveston Ecology projects includes **all information** included on the FGDC metadata records shown on the Galveston website.
- ❖ Created new accounts for several data managers so that they can correct and augment the preliminary information provided.
- ❖ A report on the SEFSC progress in InPort as compared with other regions was prepared by the InPort development team in Honolulu and has been forwarded to several managers.
- ❖ Discussions have been had with several data managers reminding them of the need to supply data caveats and processing steps for their projects of responsibility in InPort.
- ❖ Preparation of InPort progress report for chief IRM and Steve Turner. (Up Next)

## **Miami Certification and Accreditation List (C& A List) (Lee and Lloyd)**

- ❖ Chief of IRM has identified who shall be responsible
- ❖ Waiting for answers to the following questions.
  - What to do in cases where there are copies of the same dataset in different SEFSC locations?
  - What to do in cases where the dataset is actually stored on a non government computer?

## **Annual Economic Survey for Gulf Shrimp Permit Holders (Lloyd)**

- ❖ Data entry screen for insert was designed.
- ❖ Work has begun on having the web page drive PL/SQL database routines to add, edit and delete records.

## **EPAT (Emergency Preparedness & Asset Tracking System) (Sandra)**

- ❖ New "Supervisor" role created for the EPAT system.
- ❖ New EPAT role in SEFSC\_Security system implemented.
- ❖ Making updates in EPAT to programmatically create a new facility and create the geometry point in the map.
- ❖ Creating a lookup table with zip codes and center point for cases when user does not have lat, long for the facility.

## **IRM Administration and Contracts (Patrick)**

- ❖ First floor printer has arrived and is in production on 4/19/07
- ❖ Xerox printers 60 month lease expires November 30, 2008
- ❖ Tony's contract is being reviewed by CASC and SEFSC in conjunction with the IDIQ contract with Artech.
- ❖ Paul Baertlein's contract is up for renewal end of July.
- ❖ COTR position is required by CASC to administer ongoing contracts within IRM. OPEN Issue.